



PATENT
Attorney Docket No. A-68359-1/RMA/JML
Dorsey File No. 469113-41

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MALONEY et al.

U.S. Serial No.: 10/027,935

Filing Date: December 21, 2001

For: *Apparatus and Method for Chemical-Mechanical Polishing (CMP) Head Having Direct Pneumatic Wafer Polishing Pressure*

Examiner: Timothy V. Eley

Art Unit: 3724

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on April 28, 2004.

Signed: Joyce E. Abriam
Joyce Abriam

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A-B.

Further, this application is a divisional of U.S. Application Serial No. 09/390,142, filed September 3, 1999 (now Patent No. 6,368,189), which is a continuation of Application Serial No. 09/294,547, filed April 19, 1999 (now Patent No. 6,309,290), which is a continuation-in-part of Application Serial No. 09/261,112, filed March 3, 1999 (now Patent No. 6,231,428). The references cited on the accompanying substitute for form PTO/SB/8A-B marked without an

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asterisk (*) were previously disclosed in the above-mentioned applications and in accordance with 37 C.F.R. § 1.98(d), no copies of these references are enclosed.

None of the foregoing references is believed to disclose the invention as claimed.

Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application.

Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

As far as is known to the undersigned, this Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national state in an international application, or before the mailing date of a first Office Action on the merits as set forth in 37 C.F.R. § 1.97(b), and therefore no fee is required.

While no fee is believed to be due, if this belief is in error the Commissioner is authorized to charge any additional fees, including extension fees or other relief which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 469113-41 [A-68359-1/RMA/JML]).

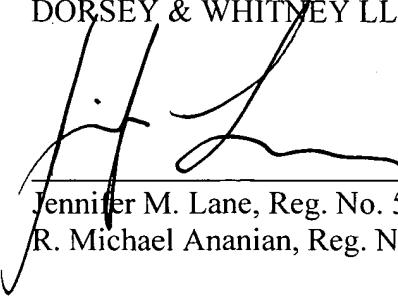
U.S. Serial No.: 10/027,935
Filing Date: December 21, 2001

Please direct any calls in connection with this application to the undersigned at (415)
781-1989.

Respectfully submitted,

DORSEY & WHITNEY LLP

BY:

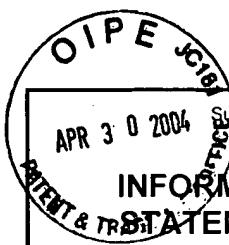

Jennifer M. Lane, Reg. No. 51,916 for
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Dated: April 28, 2004
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Intellectual Property Department
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Attachments:

Return receipt postcard
Form PTO/SB/8A-B (4 pgs.)
Five (5) references

Substitute for form 1449A/PTO
(Modified)INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	4	Attorney Docket Number	A-68359-1/RMA/JML (469113-41)
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Complete if Known

Application Number	10/027,935
Filing Date	December 21, 2001
First Named Inventor	Gerard S. MALONEY
Art Unit	3724
Examiner Name	Timothy V. Eley

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A1	3,579,916		05-25-1971	Boetteber	
A2	3,631,634		01-04-1972	Weber	
A3	3,841,028		10-15-1974	Katzke	
A4	4,081,928		04-04-1978	Kinnebrew et al.	
A5	4,270,316		06-02-1981	Krämer et al.	
A6	4,519,168		05-28-1985	Cesna	
A7	4,680,893		07-21-1987	Cronkhite et al.	
A8	4,918,869		04-24-1990	Kitta	
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A10	4,954,142		09-04-1990	Carr et al.	
A11	5,205,082		04-27-1993	Shendon et al.	
A12	5,212,910		05-25-1993	Breivogel et al.	
A13	5,216,843		06-08-1993	Breivogel et al.	
A14	5,443,416		08-22-1995	Volodarsky et al.	
A15	5,527,209		06-18-1996	Volodarsky et al.	
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A17	5,554,064		09-10-1996	Breivogel et al.	
A18	5,651,724		07-29-1997	Kimura et al.	
A19	5,679,065		10-21-1997	Henderson	
A20	5,582,534		12-10-1996	Shendon et al.	
A21	5,554,751		12-17-1996	Kobayashi et al.	
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A26	5,643,053		07-01-1997	Shendon et al.	
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A31	5,803,799		09-08-1998	Volodarsky et al.	
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A33	5,857,899		01-12-1999	Volodarsky	
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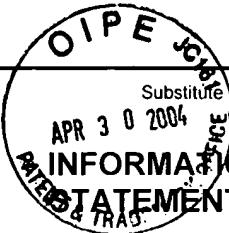
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Substitute for form 1449A/PTO APR 3 0 2004 (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	2	of	4	Application Number	10/027,935
				Filing Date	December 21, 2001
				First Named Inventor	Gerard S. MALONEY
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				Examiner Name	Timothy V. Eley
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	A35	5,980,361	11-09-1999	Müller et al.	
	A36	6,019,670	02-01-2000	Cheng et al.	
	A37	6,024,630	02-15-2000	Shendon et al.	
	A38	6,033,292	03-07-2000	Inaba	
	A39	6,077,151	06-20-2000	Black et al.	
	A40	6,093,089	07-25-2000	Chen et al.	
	A41	6,093,091	07-25-2000	Keller	
	A42	6,110,025	08-29-2000	Williams et al.	
	A43	6,113,480	09-05-2000	Hu et al.	
	A44	6,116,992	09-12-2000	Prince	
	A45 *	6,231,428 B1	05-15-2001	Maloney et al.	
	A46 *	6,309,290 B1	10-30-2001	Wång et al.	
	A47 *	6,368,189 B1	04-09-2002	Maloney et al.	

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	B1	EP 0 383 910 A1	08-29-1990			
	B2	EP 0 548 846 A1	06-30-1993			
	B3	EP 0 747 167 A2, A3	12-11-1996			
	B4	EP 0 791 431 A1	08-27-1997			
	B5	EP 0 881 039 A2	12-02-1998			
	B6	EP 2 307 342 A	05-21-1997			
	B7	UK 2 058 618 A	04-15-1981			
	B8	UK 2 315 694 A ~	02-11-1998			
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	B10	UK GB2079532 A	01-20-1982			
	B11	JP 59-19671	02-01-1984			
	B12	JP 60-129522	03-10-1987			

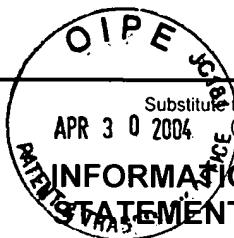
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<p>Substitute for form 1449A/PTO APR 3 0 2004 (Modified)</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/027,935</td> </tr> <tr> <td>Filing Date</td> <td>December 21, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Gerard S. MALONEY</td> </tr> <tr> <td>Art Unit</td> <td>3724</td> </tr> <tr> <td>Examiner Name</td> <td>Timothy V. Eley</td> </tr> </table>		Application Number	10/027,935	Filing Date	December 21, 2001	First Named Inventor	Gerard S. MALONEY	Art Unit	3724	Examiner Name	Timothy V. Eley
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Sheet	3	of	4										
Attorney Docket Number													

FOREIGN PATENT DOCUMENTS

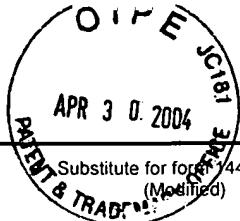
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **4** of **4** Attorney Docket Number **A-68359-1/RMA/JML (469113-41)**

NON PATENT LITERATURE DOCUMENTS

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